

	Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200 Fax 613 632-5246	RB6889888-F01 Job Sheet 196831 
Part No: RB6889888-F01 Job Qty: 1 pcs		
Part Name: C-30 Engine Lift Tester 		
Part Weight: 0 lbs	Status: New	Priority: Medium
Job Created: 6/21/19	Job Tracking No:	
Due Date: 8/15/19	Created By: Marie Lajeunesse	
Type: SOLD	Description: ORDER 14966	
Note: DWG RB6889888-F01 REV A IPP Rev. A 19.04.02 New issue DP Verify DD		
Ship Via:		
Bill of Materials		

	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com
Container No: S208007 	
Part: RB6889888 - F01	
Job No: 196831	
Serial No/Batch: S208007	
Revision: A	
Inspector:	
Exp Date:	
Instructions:	Date: 06/22/19

Job Routing									
Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Small Fab - 1	1 pcs	8/15/19	0.00	0.20	Small Fab - 1			
						Small Fab - 2			1766
						Small Fab - 3			
						Small Fab - 4			
						Small Fab - 5			
						Small Fab - 6			
						Small Fab - 7			
110	QC 5	1 pcs	8/15/19	0.00	0.00	QC 5 - 10			
						QC 5 - 12			
						QC 5 - 17			
						QC 5 - 18			
						QC 5 - 19			
						QC 5 - 22			
						QC 5 - 24			
						QC 5 - 3			
						QC 5 - 43			
						QC 5 - 49			
						QC 5 - 51			
						QC 5 - 58			
						QC 5 - 68			
						QC 5 - 9			
						QC 5 - 50			
						QC 5 - 30			
						QC 5 - 40			AUG 22 2019 40 9-89
120	Packaging 3-1 - Stock - B4B	1 pcs	8/15/19	0.00	0.00	Packaging 3 - 1 - B4B			
						Packaging 3 - 2 - B4B			
						Packaging 3 - 3 - B4B			
						Packaging 3 - 4 - B4B			
						Packaging 3 - 5 - B4B			DAS 28 9-89
						Packaging 3 - 6 - B4B			
						Packaging 3 - 7 - B4B			
						Packaging 3 - 8 - B4B			
						Packaging 3 - 9 - B4B			
						Packaging 3 - 10 - B4B			
130	QC 21 - FG	1 pcs	8/15/19	0.00	0.00	QC 21 - FG - 21			DAS
						QC 21 - FG - 70			AUG 26 2019 70 9-89
						QC 21 - SA - 53			
Part Op 100 - 1-Transfer drill placard at appropriate depth and install placard using #2 drive screws as per drawing. 2-Assemble Descriptions: as per DWG. See note 8 and 9.									
120 - The tool must be packaged with a desiccant bag into a tight fitting sealed plastic bag as per DWG.									

44
61
67
56
133

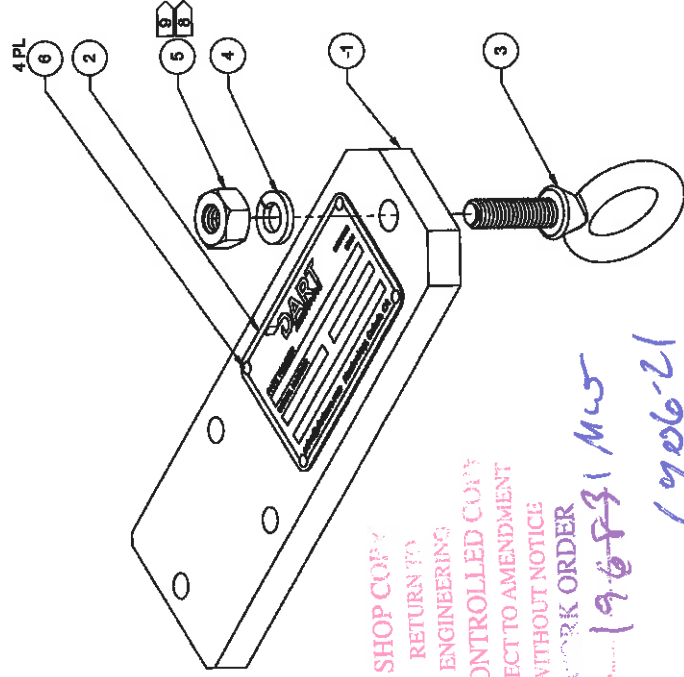
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
3049T72	Low-Temperature Eyebolt with Shoulder For Lifting 3/8"-16 Thread	1 Ea (1 ea)	100-Small Fab -	
90081A074	0.125 X 0.500 #2 Drive Screw	4 Ea (4 ea)	100-Small Fab -	5181984
91104A031	Steel Zinc Yellow Split Lock Washer 0.385" ID. X 0.680" OD. X 0.094" Thick	1 Ea (1 ea)	100-Small Fab -	5122133
94485A029	Grade 7 Steel Extra-Wide Hex Nut 3/8"-16	1 Ea (1 ea)	100-Small Fab -	5182007
RB41011	Dart Tooling Placard, Aluminum	1 pcs (1 ea)	100-Small Fab -	5182018
RB6889888-F01-1 Plate		1 pcs (1 ea)	100-Small Fab -	5021040
				5198619

GA133

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Small Fab - 1	3049T72	1	1	0
	90081A074	4	107	0
	91104A031	1	102	0
	94485A029	1	10	0
	RB41011	1	288	0
	RB6889888-F01-1	1	0	0
Part Specifications				
Specifications could not be found.				

Plex 6/21/19 2:25 PM Dart.lajeunesse.marie

ITEM #	QTY	PART #	PART TITLE
-1	1	RB688988-F01-1	PLATE
2	1	RB41011	DART PLACARD
3	1	McMaster#9049T720 OR EQUIV	LOW-TEMPERATURE EYEBOLT WITH SHOULDER FOR LIFTING 3/8"-16 THREAD
4	1	McMaster#9110A031 OR EQUIV.	STEEL ZINC YELLOW SPLIT LOCK WASHER 0.385" ID. X 0.680" OD. X 0.094" THK
5	1	McMaster#9448A029 OR EQUIV	GRADE 7 STEEL EXTRA-WIDE HEX NUT 3/8"-16
6	4	McMaster#90081A074 OR EQUIV	ZINC PLATED STEEL SCREW NAILS SIZE #2 X 1/8" L.G.



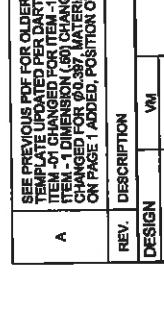
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 196891 MWS
(906-21

RB688988-F01 C-30 ENGINE LIFT TESTER

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH:
4) TOLERANCES: XX = $\pm 0.1"$ / $\pm 1"$
XXX = $\pm 0.01"$ / $\pm 0.5"$
XXXX = $\pm 0.005"$ / $\pm 0.1"$
XXXXX = $\pm 0.0005"$ / $\pm 0.05"$
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

UNITS: INCHES UNLESS OTHERWISE NOTED
ASSEMBLY AS SHOWN
APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 3 THEN ASSEMBLE WITH ITEM 5, AND REMOVE EXCESS
TORQUE ITEM 5 TO 33-45 FT-LBS
THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG



SECTION A-A

SEE PREVIOUS REV FOR OLDER REV TEMPLATE UPDATED PER DART REV STANDARDS ITEM -1 CHANGED FOR ITEM -1 ITEM -1 DIMENSION (90) CHANGED FOR 0.60 DIMENSION 0.388 CHANGED FOR 0.60 DIMENSION 0.388 ON PAGE 1 ADDED, POSITION OF PLACARD ADDED		19-674	VM
REV.	DESCRIPTION	EDN #	BY
A	DESIGN	VM	VM
	DRAWN	VM	VM
	CHECKED	VM	VM
	MFG. APPR.	DP	DP
	APPROVED	WZ	WZ
DATE 4/2/2019		SCALE NTS	
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. A	
TOOL PART # RB688988-F01		SHEET 1 OF 2	
TITLE C-30 ENGINE LIFT TESTER		NTS	
DATE 4/2/2019		SCALE NTS	
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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



Route update only

NCR No. _____

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐																																	
Date :	Sequence #:		QTY Affected :		MRB (QS1042)																																
Description Work Order Deviation				Disposition																																	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY <table border="1"><tr><td>Pressure/Forced</td><td>Contamination</td><td>Power Loss/Surge</td><td>Positioned Wrong</td></tr><tr><td>Bending</td><td>Misaligned/off center</td><td>Folio/Program</td><td>Outside Tolerance</td></tr><tr><td>Crushing</td><td>BOM/Route</td><td>Grain Direction</td><td>Drawing</td></tr><tr><td>Cracks</td><td>Broken/Damage/Defect</td><td>Weld</td><td>Finish</td></tr><tr><td>Crimp/Kink/Ripple/Wave/Twist</td><td>Incomplete/Unclear Instructions</td><td>Wrong Stock Pulled</td><td>Part Lost/Missing</td></tr><tr><td>Marks/Chatter</td><td>Drill Holes</td><td>Out of Sequence</td><td>Misread</td></tr><tr><td>Mislabeled</td><td>Fit/Function</td><td>Off-set/Set-up</td><td></td></tr></table>						Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
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Marks/Chatter	Drill Holes	Out of Sequence	Misread																																		
Mislabeled	Fit/Function	Off-set/Set-up																																			
Other/Details:																																					
Completed By				Lead hand / Supervisor																																	
QC / QA Coordinator																																					